

EPA New England NON-NPL Fact Sheet

Site Type: Site Awaiting NPL Decision (SAND)
Status: Previous Production

Last Released to Public: 01/15/2002

ELECTRONIC COIL CORPORATION

FARMINGTON, Connecticut
HARTFORD County

Map of Site:

Street Address:	145 HYDE ROAD
Zip Code:	06032
Congressional District(s):	06
EPA ID #:	CTD98387624 4
Site ID #:	0102259
Site Alias:	

Description

The Electronic Coil Corporation (ECC) property is located at 145 Hyde Road in the Farmington Industrial Park (FIP) in Farmington, Hartford County, Connecticut. The 6.47-acre property is bordered to the north by Hyde Road, to the east by Scott Swamp Brook, to the south by Mott Metallurgical Company, and to the west by Spring Lane. The property is currently active and consists of a centrally located single-story building. There are 28 Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) sites located within FIP, including the ECC property.

According to available file information, land in the FIP was reportedly used as farmland prior to the 1960s. After construction of the facility in 1966, American Cam Company (Am Cam) occupied the property until 1984. Am Cam reportedly machined and manufactured cams on site. Wastes generated by Am Cam included metal scraps, synthetic coolants, cutting oil, sludges, and solvents. For an undetermined period of time in the 1970s, Information Systems, Inc., a computer information service bureau, shared occupancy of the property with Am Cam. ECC occupied the facility from 1984 to 1991 as a light manufacturer of electronic coils, wires, and wire assemblies. ECC also performed wire stripping. In 1991, Omega Corporation occupied the property and reportedly conducted the following activities: machining, grinding, welding, and testing of electrical equipment. Woodlawn Manufacturing, a screw manufacturer, shared occupancy of the property in 1991. The current occupants of the facility are Pegos Machine Corporation (a machine shop) and Corotec Corporation. No information is available regarding the on-site activities of Corotec or the dates of occupancy of either Pegos or Corotec. A 5,000-gallon concrete underground storage tank (UST) was used by Am Cam to store the water coolants, oils, and sludges. Sanitary and other wastes were reportedly discharged to an on-site septic system. Wastes generated by ECC included residual solder, lubricating oils, paint thinner, and methylene chloride. Waste oils were stored in the UST and then disposed of off site. Both Am Cam and ECC allowed solvents to evaporate. The waste generation and disposal practices of the other occupants could not be determined. In 1989, the Connecticut Department of Environmental Protection collected soil samples from five locations on the ECC property, as well as two waste samples from the UST. Analytical data are available only for one sample from the UST. Several volatile organic compounds (VOCs) were found. Chlorinated solvents and methyl isobutyl ketone were found in highest concentrations. U.S. Environmental Protection Agency (EPA) investigations conducted to date include a Preliminary Assessment (PA) completed in March 1992 and a Site Inspection (SI) completed in June 1998.

The depth to groundwater beneath the property is between 10 and 37 feet below ground surface, and the direction of groundwater flow is assumed to be southeast, flowing toward the FIP and Johnson Avenue wells. An estimated 86,345 people are served by public and private drinking water supply wells located within 4-radial miles of the property. The nearest public drinking water supply well is located 0.15 miles east of the property; the nearest private drinking water supply well is located approximately 1.8 miles north-northwest of the ECC property. Four FIP wells and two Johnson Avenue wells were sampled intermittently between 1975 and 1995. Chloroform; 1,1,1-trichloroethane (TCA); trichloroethylene (TCE); and tetrachloroethylene (PCE) were detected. Concentrations of all four VOCs were significantly lower in 1995 than in 1975. Several VOCs were detected at elevated concentrations in drinking water samples collected in 1995 from private drinking water supply wells within the FIP and from nearby residences. Based on these results, nearby drinking water supply sources have been impacted.

Stormwater runoff from the property is directed to the east toward Scott Swamp Brook. Surface waters located within the 15-mile downstream pathway are the Pequabuck River, Shade Swamp, and the Farmington River. No known surface water drinking water intakes are located within 15 downstream miles of the ECC property. Scott Swamp Brook and the Pequabuck and Farmington Rivers are recreational fisheries. Sensitive environments located downstream of the property include a Clean Water Act (CWA)-protected water body, a fishery, 2.7 miles of wetland frontage, the Shade Swamp State Wildlife Area, and one State-endangered species habitat. Analytical results of sediment samples collected from drainage swales within FIP, from Scott Swamp Brook, and from the Pequabuck River in 1995 indicated the presence of four VOCs, two semivolatile organic compounds (SVOCs), two pesticides, and eight metals. Analytical results of surface water samples collected from the Pequabuck River in 1995 indicated the presence of 10 metals. Due to the presence of other CERCLA sites within FIP, these substances cannot be wholly attributed to the ECC property; however, some of these substances have been documented on the ECC property and can be considered partially attributable. As a result, a CWA-protected water body and a fishery appear to have been impacted.

An estimated 25 full-time workers are employed at the property. The nearest residence is located 500 feet west of the property. Not including FIP workers, an estimated 2,892 and 91,935 people live within 1- and 4-radial miles of the property, respectively. There are no schools or day-care centers within 200 feet of the property. No terrestrial sensitive environments are located on the property. Access to the property is unrestricted. Sensitive environments within 4-radial miles of the property include 1,201 acres of wetlands and 19 occurrences of State-threatened/endangered species habitats. No surface soil samples have been collected from the property to date; however, based on site observations and conditions, and lack of recreational use of the property, no impacts to nearby residential populations are known or suspected.

The last known action at the property was the SI completed in June 1998.

Current Status

Photos

Public Record Locations

OSRR Records and Information Center , 1st Floor, 5 Post Office Square, Suite 100 (HSC), Boston, MA 02109-3912 (617) 918-1440

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